



Venice of America

CITY OF

FORT LAUDERDALE

AVIATION ADVISORY BOARD
Fort Lauderdale Executive Airport
Administrative Office - Multipurpose Room
6000 NW 21 Avenue
Fort Lauderdale, FL
Thursday, August 23, 2007, 1:30 p.m.

Cumulative Attendance -Term Year
 7/1/07 to 6/30/08

Board Members	Attendance	Present	Absent
Bunney Brenneman, Chair	P	1	0
Joseph Scerbo, Vice Chair	P	1	0
William Aston	P	1	0
Lloyd Evanson	P	1	0
Richard McDonald	P	1	0
John McKaye	P	1	0
Deborah VanValkenburgh	A	0	1
Sharon Woods	P	1	0

Airport/City Staff

Clara Bennett, Airport Manager
 Alex Erskine, Assistant Airport Manager
 Fernando Blanco, Airport Engineer
 Florence Deardorff, Noise Abatement Officer
 Sharon Dreesen, Administrative Aide
 Leslie Carhart, Administrative Assistant II
 Rufus A. James, Airport Operations Supervisor
 Stephanie Horchreder, Airport Programs Aide
 Cate McCaffrey, Director of Business Enterprises
 Jamie Oppenlee, Recording Secretary

Visitors

Dave Bardt, Kimley Horn & Associates
 Michael Floyd, Kimley Horn & Associates
 Antonia Martinez, Dickey Consulting Services
 Michael Moore, RS&H
 Don Campion, Banyan Air Service
 Diane Toht, Denholtz Associates
 Justin Proffitt, City of Oakland Park
 Gerogia Weaver, Buehler Aviation Research Foundation
 Clarence Jackson, Congressman Alcee Hastings' staff

FORT LAUDERDALE EXECUTIVE AIRPORT

6000 N.W. 21ST AVENUE, SUITE 200, FORT LAUDERDALE, FLORIDA 33309

TELEPHONE (954) 828-4966, FAX (954) 938-4974

www.fortlauderdale.gov



The meeting was called to order at 1:30 p.m. by Chair Brenneman and roll was taken. Board members introduced themselves in turn.

Mr. McDonald thanked Commission Moore for appointing him, and said he was pleased to be on the Board.

1. Approve Minutes of June 2007 Meeting

Motion made by Ms. Woods, seconded by Mr. Scerbo, to approve the minutes of the Board's June 2007 meeting. In a voice vote, the motion passed unanimously.

2. Construct Perimeter Road P10963 - Contract Award

Mr. Blanco explained that this project provided for extending Executive Airport Way to the east beyond its current termination point at the Airport Administration Building. Plans were completed and the project was bid on July 18, 2007. A total of 11 bids had been received and opened on August 15, 2007.

Mr. Blanco informed the Board that the lowest responsive bidder was Solo Construction Corp. of Miramar, Florida at \$574,963, approximately 13% above the engineer's final construction cost estimate of \$498,456.

Mr. Blanco reported that funding for this project was available from their approved Capital Improvement Plan and through a Joint Participation Agreement from the Florida Department of Transportation (FDOT) for approximately 80% reimbursement of eligible project costs.

Staff Recommendation:

Staff recommends award of the contract to the low responsive bidder, Solo Construction Corp., of Miramar, FL, in the amount of \$574,963.

Ms. Woods wondered about the large discrepancy in the bids. Mr. Blanco said that if a contractor was not busy he may be inclined to bid low on a project. Mr. Blanco informed Ms. Woods that the City had not done work with this company previously, but the company had worked on 836 and the tollbooth extensions in Dade County.

Mr. Blanco informed the Board that the City required them to award the contract to the low bidder unless there were some compelling reason to rule out the low bidder. Mr. Bardt said it was up to a contractor to determine his profit percentage, and it was not uncommon to see this sort of discrepancy in bids. Mr. Blanco explained how the estimates were created, how the bid review process was performed, and informed Mr. Scerbo that they did require bonding.

Mr. Aston inquired how the City ensured that workers on-site were documented. Ms. Woods explained that the city of Fort Lauderdale was responsible for its own employees only. Each contractor was responsible to ensure its employees were legally able to work in the United States. It was not FXE's responsibility to ensure that subcontractors were able to work in the United States. Mr. Aston was concerned about bad publicity and suggested they let contractors know that they did not want to be embarrassed by the immigration authorities.

Motion made by Ms. Woods, seconded by Mr. Evanson, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

3. Perimeter Road Improvements - P10421 Final Adjusting Change Order

Mr. Blanco informed the Board that the project had been completed in June and included the pavement demolition and re-grading of several areas within the airfield to improve drainage conditions and minimize run-off onto the Airport's perimeter roads.

Mr. Erskine indicated on an aerial photo where the work had been completed.

Mr. Blanco explained that the change order provided for adjustments to contract quantities based on final as-built information provided by the contractor and verified by City inspection personnel. He stated the overall cost of the change order was a \$20,410 increase, and said they would be requesting reimbursement of approximately 80% of the above amount from the Florida Department of Transportation as grant eligible expenses.

Staff Recommendation:

Staff recommends approval of the proposed Final Adjusting Change Order with Tenex Enterprises, Inc. in the amount of \$20,410.

Mr. Scerbo asked if there were any other change orders to this contract; Mr. Blanco informed him this was the only one.

Motion made by Mr. Scerbo, seconded by Mr. Aston, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

4. Airfield Pavement Markings - P10424 Final Adjusting Change Order - Credit

Chair Brenneman pointed out to Board members that this was a credit.

Mr. Blanco informed the Board that this project had been completed in July and comprised painting new taxiway and runway markings, removing obsolete

pavement markings, adding new directional surface pavement and runway holding position pavement marking signs.

Mr. Blanco explained that the Change Order provided for adjustments to contract quantities based on final as-built information provided by the contractor and verified by City inspection personnel. He said there had been reductions in taxiway and runway markings that resulted in an overall decrease to the construction costs in the amount of an \$18,481.41 credit.

Staff Recommendation:

Staff recommends approval of the proposed final adjusting Change Order with Hi-Lite Markings, Inc. in the amount of an \$18,481.41 credit.

Motion made by Mr. Scerbo, seconded by Ms. Woods, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

5. Lochard Corporation - Purchase - Airport Noise & Operations Monitoring System (ANOMS) Software User License

Ms. Deardorff explained that the Airport Noise Compatibility Program used an advanced software program, Airport Noise & Operations Monitoring System, version 8.0 (ANOMS-8), produced by Lochard Corporation. She stated this was the primary tool the Noise Abatement Office used to collect accurate data on aircraft and noise and to help develop noise reduction strategies.

Ms. Deardorff stated the purchase of an ANOMS-8, Desktop Client, Software User License would allow two individuals to simultaneously operate ANOMS, which should significantly improve staff's productivity and efficiency, particularly in analyzing flight tracks, responding to noise calls, and compiling noise statistics.

Ms. Deardorff informed the Board that this purchase would be a one-time cost of \$15,040.80, and noted that the funds were available in Capital Improvement Program (C.I.P.) #10770. She noted that there was no other additional maintenance agreement or related cost for the second software User License.

Staff Recommendation:

Staff recommends approval to purchase the ANOMS-8 Software User License for the amount of \$15,040.80.

Ms. Bennett confirmed for Mr. Scerbo that this charge was just for an additional license. They already had an annual maintenance agreement for approximately \$28,000 that provided any routine fixes and updates, as well as unlimited support.

Ms. Deardorff informed Mr. Aston the task order was already in place for review of the noise program to determine its efficiency and to suggest further improvements. Ms. Bennett remarked that at the moment, there was no better software available.

Mr. Scerbo said he had attended a security expo at the convention center, and provided literature to staff he had gathered at the event. Ms. Bennett said Ms. Deardorff's position as vice chair of the Florida Airports Council Noise Abatement and Community Affairs Committee provided her access to emerging technologies and trends. She noted that each year, this committee held a conference for airport noise personnel that included vendors specializing in the noise abatement and environmental fields.

Mr. McDonald asked how the software helped to address citizen complaints, and Ms. Deardorff explained how the software matched complaints to flight tracks. It also informed them of the aircraft's altitude when it passed over the caller's home.

Ms. Deardorff explained to Mr. McDonald that the FAA did not dictate minimum altitudes for takeoffs and landings; this was up to the pilot. FXE asked pilots to fly as high as possible. She remarked that FLL's Class C airspace also confined a plane's altitude on departure from FXE.

Motion made by Mr. Evanson, seconded by Ms. Woods, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

6. Project 11320 - Kimley-Horn and Associates Task Order 32 - Harris Miller Miller & Hanson, Inc. - Proposal to Conduct Scoping Element of Environmental Assessment (EA) for Runway-08, I-95 Departure

Ms. Deardorff announced that Kimley-Horn and Associates, had submitted a proposal to conduct the scoping element of an Environmental Assessment (EA) for the Runway-08, I-95 departure. This was a result of the City's continuing commitment to improve noise abatement for surrounding communities and was part of the effort to expand the nighttime hours of the I-95 Turn for jets.

She reported that they were working with Congressman Ron Klein and Congressman Alcee Hastings to request that the Federal Aviation Administration (FAA) extend the hours of the I-95 Turn. Ms. Deardorff said airport staff had met with local FAA officials of the South Florida Hub and the FAA has stated that an environmental assessment must be conducted at the City's expense before proceeding.

Ms. Deardorff stated the proposed scope of services included three major tasks:

1. Prepare and distribute a scoping/agency-coordination letter to residents and public agencies.
2. Hold a workshop-style public meeting to address scoping issues.
3. Summarize and present recommendations for the EA's Scope based upon agency and public input.

Ms. Deardorff informed the Board that staff had negotiated Task Order 32 with the Airport's general aviation consultant, Kimley-Horn and Associates, Inc., to develop the environmental assessment through their sub-consultant, Harris Miller Miller & Hanson (HMMH) in the amount of \$54,050. She noted that HMMH was an experienced firm, an approved sub-consultant under the City's contract for general consultant services for the Airport, and had an established history with FXE's Noise Abatement Program.

Ms. Deardorff reported that Airport staff and the Consultant Selection and Negotiation Committee (CSNC) were currently reviewing the Task Order and fees, and pending their concurrence, staff recommended approval of Task Order No. 32 with Kimley-Horn and Associates, Inc.

Staff Recommendation:

Staff recommends approval of the proposed Task Order with Kimley Horn and Associates, Inc., to Conduct Scoping Element of Environmental Assessment (EA) for Runway-08, I-95 Departure in the amount of \$54,050.

Mr. Aston asked if this had been properly scrutinized. Ms. Bennett explained that the CIP had an annual balance of approximately \$200,000 in anticipation of projects such as this as part of their noise abatement program.

Motion made by Mr. Scerbo, seconded by Mr. Aston to approve the staff recommendation. In a voice vote, the motion passed unanimously.

Update Items

A. Noise Compatibility Program

Noise Abatement Workshop – Propeller Pilots

Ms. Deardorff announced that on July 12, 2007, the Noise Abatement Office had held the first Noise Abatement Workshop for turboprop and piston propeller airplane pilots. Commissioner Teel was in attendance and also addressed the pilots. Ms. Deardorff said they had focused on how the pilots could fly more quietly over the surrounding communities.

Ms. Deardorff stated they had also advised the pilots that many residents had expressed the concern that the aircraft were flying too low. She noted that pilots

were not violating Federal Aviation Regulations and were following ATC instructions, and they had encouraged them to request higher altitudes and to voluntarily seek ways to help improve noise abatement efforts.

Chair Brenneman congratulated Ms. Deardorff on running an excellent workshop for the propeller pilots. She noted that pilots had given Ms. Deardorff feedback on the workshop and had promised to take information back to their employers and other pilots.

Noise Control Measures – Jet Pilots

Ms. Deardorff said they had learned at their meeting with the FAA Air Traffic Control (ATC) that jets could possibly be given a higher altitude to fly to sooner to help reduce noise and on July 16, 2007, the ATC Tower at FXE, with the approval of Miami Air Traffic Control, had begun instructing jet aircraft departing Runway 8 to the east to climb to an initial altitude of 3,000 feet, provided air traffic and weather permitted. She explained that this new practice significantly reduced the noise impact on the surrounding communities.

Mr. McDonald wondered what percentage of total pilots had attended these workshops. Ms. Deardorff described outreach efforts they had made for the workshops, and were continuing with the pilot community.

Progress Update Letter for U.S. Representative Ron Klein

Ms. Deardorff reported that at his request, staff had submitted a letter to Representative Ron Klein providing updates on the progress of their recent efforts with the FAA regarding the I-95 Turn and the new Air Traffic Control Tower. Ms. Deardorff reported that Assistant Airport Manager Cervasio was now with Commissioner Teel and New Jersey investigating the design for their new tower.

Nighttime and I-95 Turn

Ms. Deardorff reported that for June and July 2007, there were no noise events over 80 dB at night [from 11:00 p.m. and 7:00 a.m.]. In June, 25 jets had flown the I-95 Turn, three of which had been stage-two aircraft. In July, 27 jets had flown the I-95 Turn, three of which had been stage-two aircraft.

Ms. Bennett explained the evolution and procedure for the I-95 turn to Mr. McDonald, and said most recently they had asked the FAA to be able to extend this turn to the East and South bound turns from 8 p.m. to 8 a.m. The FAA had indicated they were willing to consider this, but had also stated any further use of the turn would require an environmental review. Ms. Bennett explained that the task order described in Item 6 concerned this environmental review.

Mr. McDonald remarked that they were caught between a rock and hard place with respect to FAA regulations, flight safety, and noise issues.

Mr. Aston remarked on the number of items regarding noise control requiring funding that staff brought to the Board. He wanted the Board to realize that it "cost a lot of money to run a quiet airport such as FXE." He acknowledged that this was the price they must pay to stay in the aviation business.

Noise Abatement Program Statistics

The Board's packet included data summaries the Noise Abatement Program statistics for the months of June and July 2007.

B. Technical Advisory Group - Strategic Business Plan

Ms. Bennett introduced Mike Floyd from Kimley-Horn and Associates (KHA), and informed the Board that the kickoff meeting the previous Thursday, August 16, regarding the Strategic Business / Plan Update for Executive Airport, had been very well attended.

Mr. Mike Floyd, Kimley-Horn and Associates, introduced members of the team and gave a PowerPoint presentation regarding the Strategic Business / Plan Update, a copy of which is attached for the public record.

Mr. Floyd explained to Mr. Aston that the most difficult aspect of this was developing a plan to optimize the facility that was operationally correct, and utilized the property best without impacting the operations of the current tenant.

C. Development and Construction

Airport Projects in Development

Airport Rescue and Fire Fighter Training

Mr. James reported that staff had met with the Fort Lauderdale Fire Department Training and Special Operations battalion chief to discuss implementing several training programs to help promote effective response techniques when dealing with Airport related emergencies. He informed the Board that beginning August 20th 2007 they would commence quarterly training to cover aircraft recognition and systems familiarization, airport fueling operations, and airport operations area procedures. He agreed keep the Board updated on the progress and development of the training programs.

The Board packet included monthly statistics for June and July.

D. Arrearages

There were no arrearages to report.

E. FLL Update

Ms. Deardorff had included in the Board's packet an article from Sun Sentinel.com naming FLL's interim director. She said another article had indicated Kent George, Executive Director of Allegheny County Airport Authority, was being considered for the position of airport director.

Ms. Woods confirmed that Pam Brangaccio, Broward County Administrator, would recommend Kent George for the interim director position to the County Commission. The County Commission would then vote on his appointment.

Other Announcements

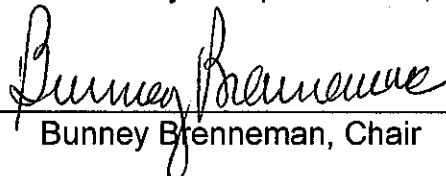
Mr. Erskine informed Mr. Scerbo that new monitoring cameras had been installed, and were now in the process of being tested. Ms. Bennett said Kimley Horn and Associates had completed their study of FXE's security efforts and infrastructure, and had provided a list of their recommendations.

Ms. Bennett reminded the Board that there were funds available from FDOT to enhance their security program, and that Mr. Erskine had been meeting with local law-enforcement, and other staff had met with TSA to get input on how to best use this funding. Ms. Bennett said she hoped to have a task order with Kimley Horn for design of those cameras and systems to present at the Board's next meeting.

Ms. Bennett reported that the County and the adjacent cities who had gone to court against the FAA's effort to change the runway use program in FLL had prevailed. The court had ruled that the FAA could not change the approved runway use program without environmental review.

There being no further business before the Board, the meeting adjourned at 3:15 p.m.

- Next scheduled meeting date: Thursday – September 27, 2007 – 1:30 PM


Bunney Brenneman, Chair

PLEASE NOTE:

If any persons decide to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need a record of the proceedings and, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

FORT LAUDERDALE EXECUTIVE AIRPORT AIRPORT ADVISORY BOARD (AAB)

STRATEGIC BUSINESS PLAN & MASTER PLAN UPDATE

Study Kick-off Briefing

Thursday, August 23, 2007



Kimley-Horn
and Associates, Inc.

in association with:

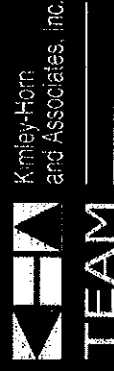
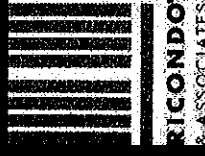


E-PLANNING TECHNOLOGY, INC.
Clearwater, Florida



FXE - Strategic Business / Master Plan
CONSULTANT TEAM INTRODUCTIONS

- **KIMLEY-HORN AND ASSOCIATES, INC.**
 - Management
 - Facilities & Environmental Planning
 - Documentation
- **RICONDO & ASSOCIATES, INC.**
 - Forecasting
 - Financial & Strategic Planning
- **PLANNING TECHNOLOGY, INC.**
 - Basemapping & Airspace Analysis
 - Electronic Submittals
- **DICKEY CONSULTING SERVICES, INC.**
 - Public Involvement & Meeting Facilitation



STUDY OVERVIEW - WHAT IS A MASTER PLAN?

- City's Strategy for Operating & Developing FXE
- Determine:
 - Needed Modernization
 - Areas Of Optimization
 - Desired Capacity Enhancements
- Flexibility to Respond to Varying Scenarios
- Framework for Implementation
 - 20 Year Horizon
 - Cost-effective & Triggered by Demand
 - Cognizant of Environment, Community and Business Needs

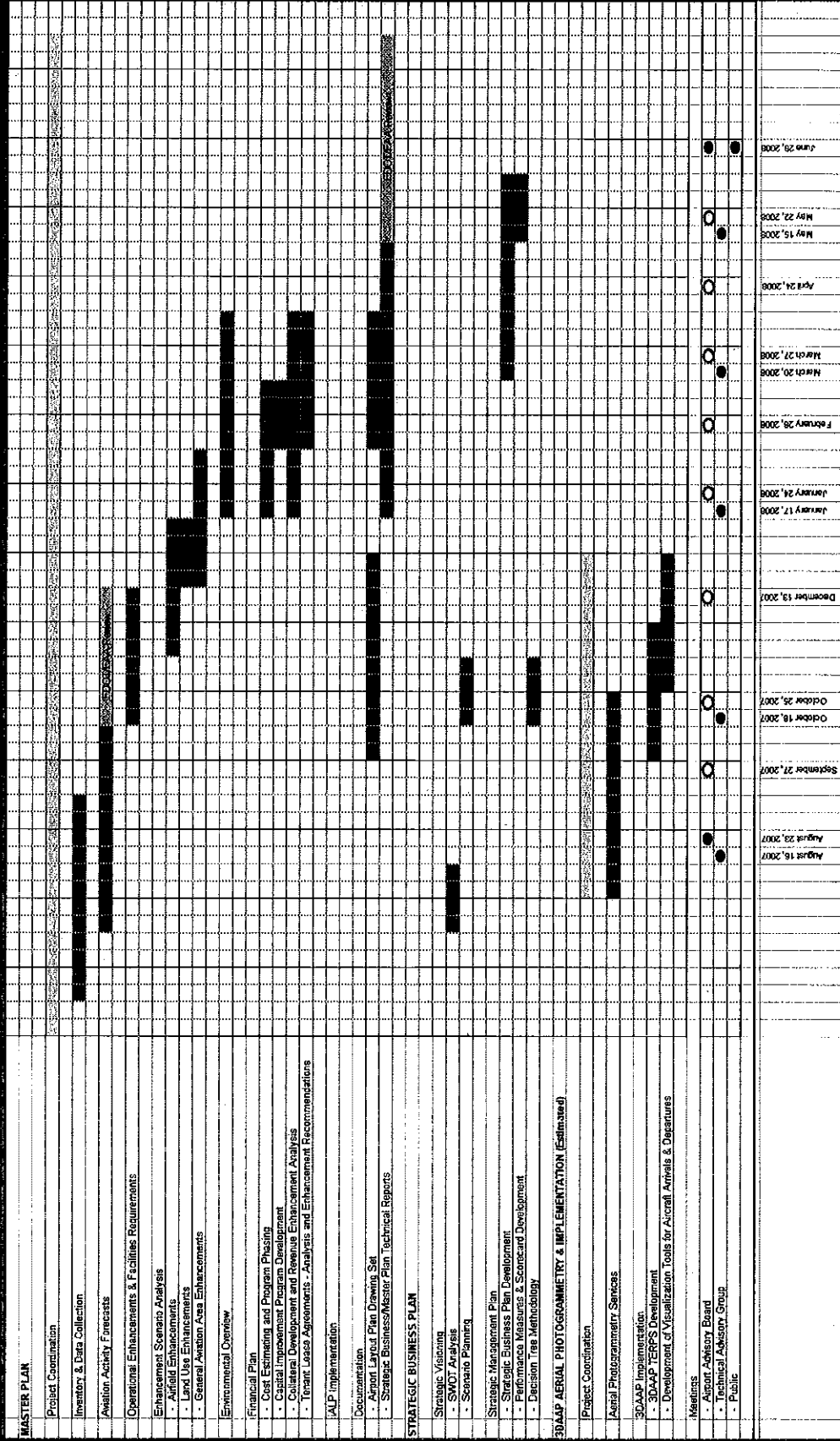


STUDY OVERVIEW - WHAT IS A MASTER PLAN?

- Guiding Principles:
 - FAA Advisory Circular, 150/5070-6B, "Airport Master Plans"
 - FDOT "Guidebook for Airport Master Planning"
- Deliverables:
 - Strategic Business Plan Report
 - Master Plan Report
 - Airport Layout Plan (ALP)
- Approved by:
 - City of Fort Lauderdale / Airport Staff
 - Florida Department of Transportation
 - Federal Aviation Administration



FXE - Strategic Business / Master Plan STUDY OVERVIEW - SCHEDULE

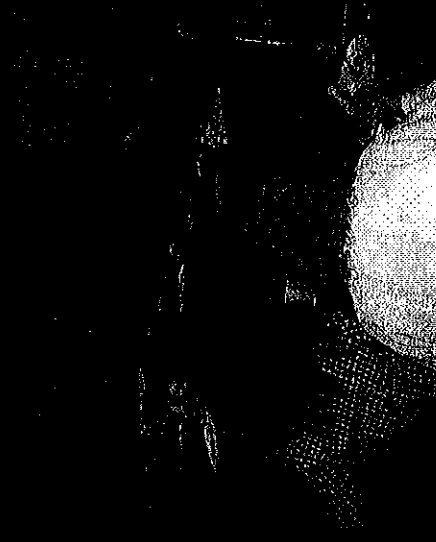


Kimley-Horn
and Associates, Inc.



TECHNICAL ADVISORY GROUP (TAG)

- NOT an approval body – rather, guiding in nature
- Aides in setting:
 - Airport Vision/Mission
 - Goals & Objectives
 - Strategic/Tactical Actions
- Directly engages interested parties
- Diverse participation
- Cross section of viewpoints
- Value added, local expertise
- Venue to better identify/resolve issues



FXE – Strategic Business / Master Plan
TAG REPRESENTATION

State & Federal Aviation Agencies

Airport Advisory Board

Major Airport Businesses

Neighboring City Representation

Chamber Of Commerce

Public Safety

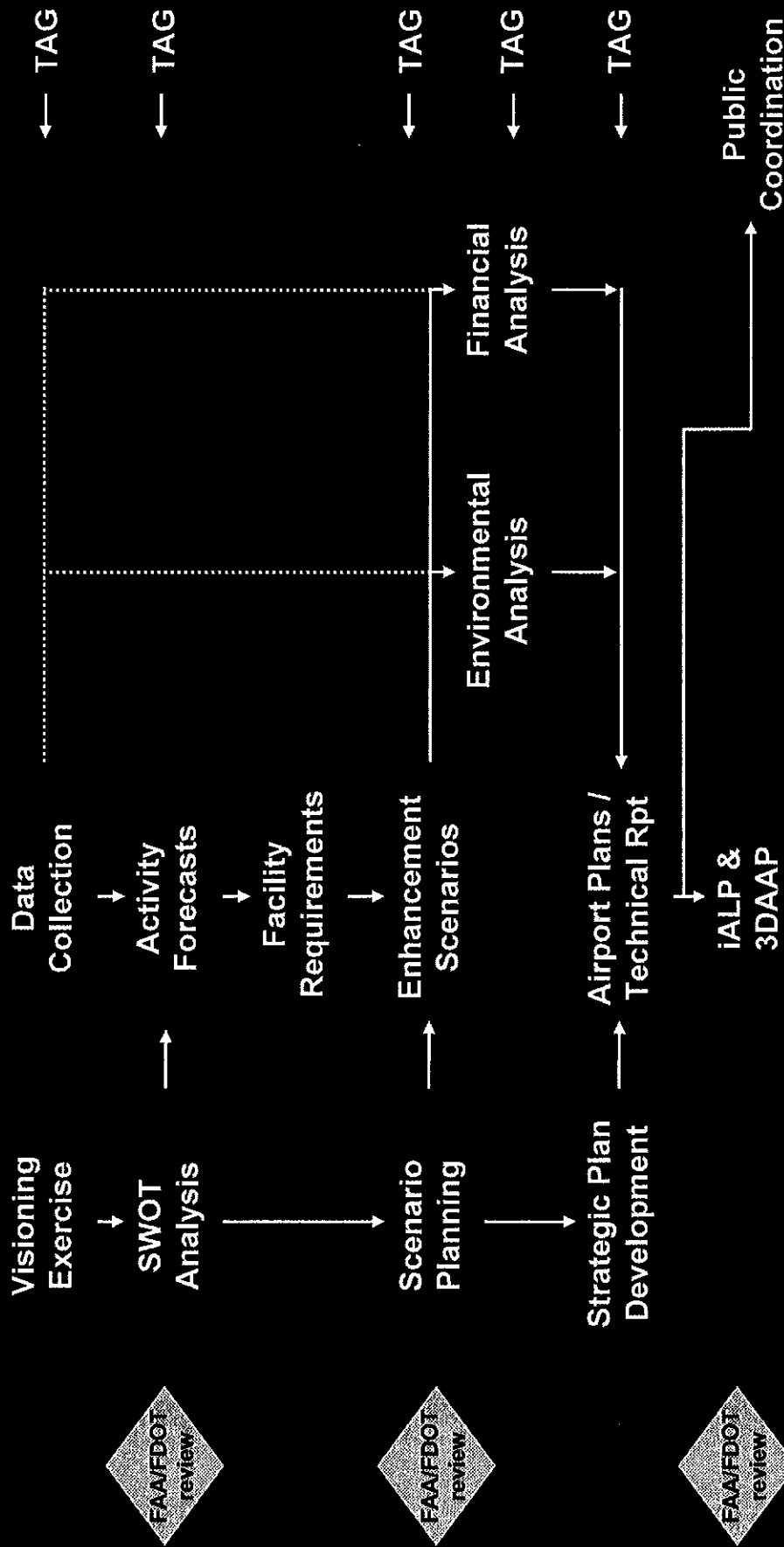
City Of Fort Lauderdale Departments

Airport Management

Public Interests



STUDY OVERVIEW - STUDY PROCESS



FXE – Strategic Business / Master Plan **STUDY ISSUES**

